

Appln No. 09/706,360

Amdt date November 28, 2005

Reply to Office action of August 26, 2005

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 2, 4, 5 and 9. These sheets, which include Figures 2, 4, 5 and 9, replace the original sheets including Figures 2, 4, 5 and 9.

Attachment: Annotated Sheets

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REMARKS/ARGUMENTS

In the Office action dated August 26, 2005, the Examiner raised several objections/rejections. Objections were raised concerning claims 61, 75 and 107. An objection was raised concerning the drawings. Claims 1, 3 - 18, 19, 21 - 33, 49, 51 - 60, 61 - 66, 68 - 75, 76 - 79, 81, - 94, 98 and 100 - 113 were rejected under 35 U.S.C. § 102. Claims 2, 20, 50, 67, 75', 80, 95 - 97 and 99 were rejected under 35 U.S.C. § 103.

By this Amendment, Applicant has amended the specification and the drawings. Applicant also has amended claims 1, 4, 5, 19, 34, 37, 49, 52, 60, 61, 66, 75, 79, 82, 95 and 98. Applicant has canceled claims 3, a duplicate claim 61 and a duplicate claim 75. Finally, Applicant has added claims 114 and 115. Reconsideration and reexamination are hereby requested for claims 1, 2 and 4 - 115 that are now pending in this application.

Response to the Objection to the Claims

The Examiner raised an objection to claim 107 on the grounds that that phrase "the adapter" lacked proper antecedent basis. Applicant has amended claim 107 and also claims 108, 110 and 112 as set forth above to refer to the access point.

The Examiner raised an objection to claims 61 and 75 on the grounds that two claims are numbered 61 and 75 each. Applicant has canceled one of the instances of each of claim 61 and claim 75 as set forth above and added claims 114 and 115 to replace the canceled claims.

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Response to the Objection to the Drawings

The Examiner has required that new corrected drawings be filed. Applicant is filing formal drawings concurrently with the Amendment.

Applicant also has amended Figures 2, 4, 5 and 9 to correct several typographical errors and other informalities. The amendments are shown in RED in the attached annotated sheets. Applicant submits that no new matter has been added as the amendments are supported by the context of the original disclosure. These amendments have been incorporated into the formal drawings being filed concurrently herewith.

Applicant's Amendments to the Specification

Applicant has amended the specification to correct several typographical errors and other informalities. Applicant submits that no new matter has been added as the amendments are supported by the context of the original disclosure.

Response to the 35 U.S.C. § 102 Rejection of the Claims (Allen)

Claims 1, 3 - 18, 19, 21 - 33, 49, 51 - 60, 61 - 66, 68 - 75, 76 - 79, 81, - 94, 98 and 100 - 113 were rejected under 35 U.S.C. § 102(b) as being anticipated by Allen, U.S. Patent No. 6,259,891 (hereafter referred to as "Allen"). Claims 1, 19, 49, 60, 66, 75, 79 and 98 and are independent.

Allen is directed to portable receiver system whereby a satellite receiver /decoder (IRD) connects to a wireless LAN. Allen, Abstract. As shown in Figure 2, the portable satellite receiver system 30 includes an IRD 38, a wireless LAN adapter 35

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and a wireless LAN transceiver 34. Figure 3 shows that the wireless LAN adapter 35 connects to the IRD 38 via connectors (e.g., jack 60). Figure 3 also shows that the wireless LAN adapter 35 connects to the wireless LAN transceiver 34 via a connector 64.

Applicant respectfully submits that the independent claims are not anticipated by or obvious in view of Allen because Allen does not teach or suggest all of the limitations specifically set forth in each independent claim. For example, Allen does not teach or suggest that an adapter that includes a transceiver, an interface and some form of connector may be advantageously used to connect a device to a local cable-based backbone. As discussed above, Allen teaches the use of separate adapter and transceiver components that are connected via an RS-232 connector. Moreover, the adapter of Allen connects to an IRD, not to a local cable-based backbone. One or more of the above or other distinctions is set forth in each of the amended independent claims.

Independent claim 1 recites, in part: "an adapter having a second wireless transceiver in communication with the first wireless transceiver, a plug capable of mating to a jack coupled to a local cable-based network backbone, and an interface adapted to facilitate communication between the second wireless transceiver and the local backbone."

Independent claim 19 recites, in part: "a device having a first wireless transceiver and an adapter having a second wireless transceiver, a plug mated to a jack coupled to a local cable-based network backbone, and an interface adapted to

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facilitate communication between the second wireless transceiver and the local backbone."

Independent claim 49 recites, in part, a dongle comprising: "a wireless transceiver; a plug capable of mating to a jack coupled to a local cable-based network backbone; and an interface coupled to the plug and to the wireless transceiver, and adapted to facilitate communication between the wireless transceiver and the local backbone."

Independent claim 60 recites, in part: "the wall dongle having an adapter plugged into a jack coupled to a local cable-based network backbone, the adapter comprising a wireless transceiver and a network interface adapted to facilitate communication between the wireless transceiver and the local backbone."

Independent claim 66 recites, in part, a dongle comprising: "a wireless transceiver; a plug capable of mating to a jack coupled to a device; an interface coupled to the plug and to the wireless transceiver, and adapted to facilitate communication between the wireless transceiver and the device; and a housing enclosing the wireless transceiver and the interface."

Independent claim 75 recites, in part: "the device dongle having an adapter plugged into a jack coupled to the device, the adapter being enclosed within a housing and comprising a wireless transceiver and a network interface adapted to facilitate communication between the wireless transceiver and the device."

Independent claim 79 recites, in part: "a first dongle having a first wireless transceiver and a plug capable of mating

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to a jack coupled to the communication device; a second dongle comprising a second wireless transceiver in communication with the first wireless transceiver and a plug capable of mating to a jack coupled to a local cable-based network backbone."

Independent claim 98 recites, in part: "providing a device connected to a first adapter via a first connector, the first adapter comprising a first wireless transceiver; providing an access point to a local backbone, the access point connected to a second adapter via a second connector, the second adapter comprising a second wireless transceiver."

In view of the above, Applicant submits that independent claims 1, 19, 49, 60, 66, 75, 79 and 98 and the claims that depend on these independent claims are not anticipated by or obvious in view of Allen.

Response to the 35 U.S.C. § 102 Rejection of the Claims (Brown)

Claims 34 - 48 were rejected under 35 U.S.C. § 102(b) as being anticipated by Brown et al., U.S. Patent No. 6,366,622 (hereafter referred to as "Brown"). Claim 34 is independent. Claims 35 - 48 depend on claim 34.

Independent claim 34 recites, in part: "an adapter having a second CMOS wireless transceiver in communication with the first CMOS wireless transceiver, a connector capable of mating to a local cable-based network backbone, and an interface adapted to facilitate communication between the second CMOS wireless transceiver and the local backbone."

The failure of Allen to teach limitations such as these was discussed above. Accordingly, Applicant respectfully submits

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that Allen does not teach or suggest all of the limitations of independent claim 34 or claims 35 - 48 that depend on claim 34.

Response to the 35 U.S.C. § 103 Rejection of the Claims

Claims 2, 20, 50, 67, 75', 80, 95 - 97 and 99 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Allen, U.S. Patent No. 6,259,891 (hereafter referred to as "Allen"), in view of Acampora, U.S. Patent Application Publication No. 2004/0253924 (hereafter referred to as "Acampora"). Claim 95 is independent. The remaining claims are dependent.

The rejection of dependent claims 2, 20, 50, 67, 75', 80, and 99 are based on the rejection of the underlying independent claims in view of Allen. As discussed above, Allen does not teach or suggest all of the limitations of the corresponding independent claims. Accordingly, Applicant submits that these dependent claims are not obvious in view of Allen and Acampora.

Independent claim 95 recites, in part: "a plurality of devices, each of which is connected to an adapter via a connector, wherein each adapter comprises a wireless transceiver; a local backbone; an access point to the local backbone, the access point being connected to an access adapter via a connector, wherein the access adapter comprises an access wireless transceiver in communication with the wireless transceiver for each of the adapters."

Allen does not teach or suggest the use of adapters that connect to devices and an access point as claimed. The failure of Allen to teach other limitations of claim 95 was discussed

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above. Applicant thus respectfully submits that Allen does not teach or suggest all of the limitations of independent claim 95 or claims 96 - 97 that depend on claim 95.

CONCLUSION

In view of the above amendments and remarks Applicant submits that the claims are patentably distinct over the cited references and that all the objections/rejections to the application have been overcome. Reconsideration and reexamination of the above application is requested.

Respectfully submitted,
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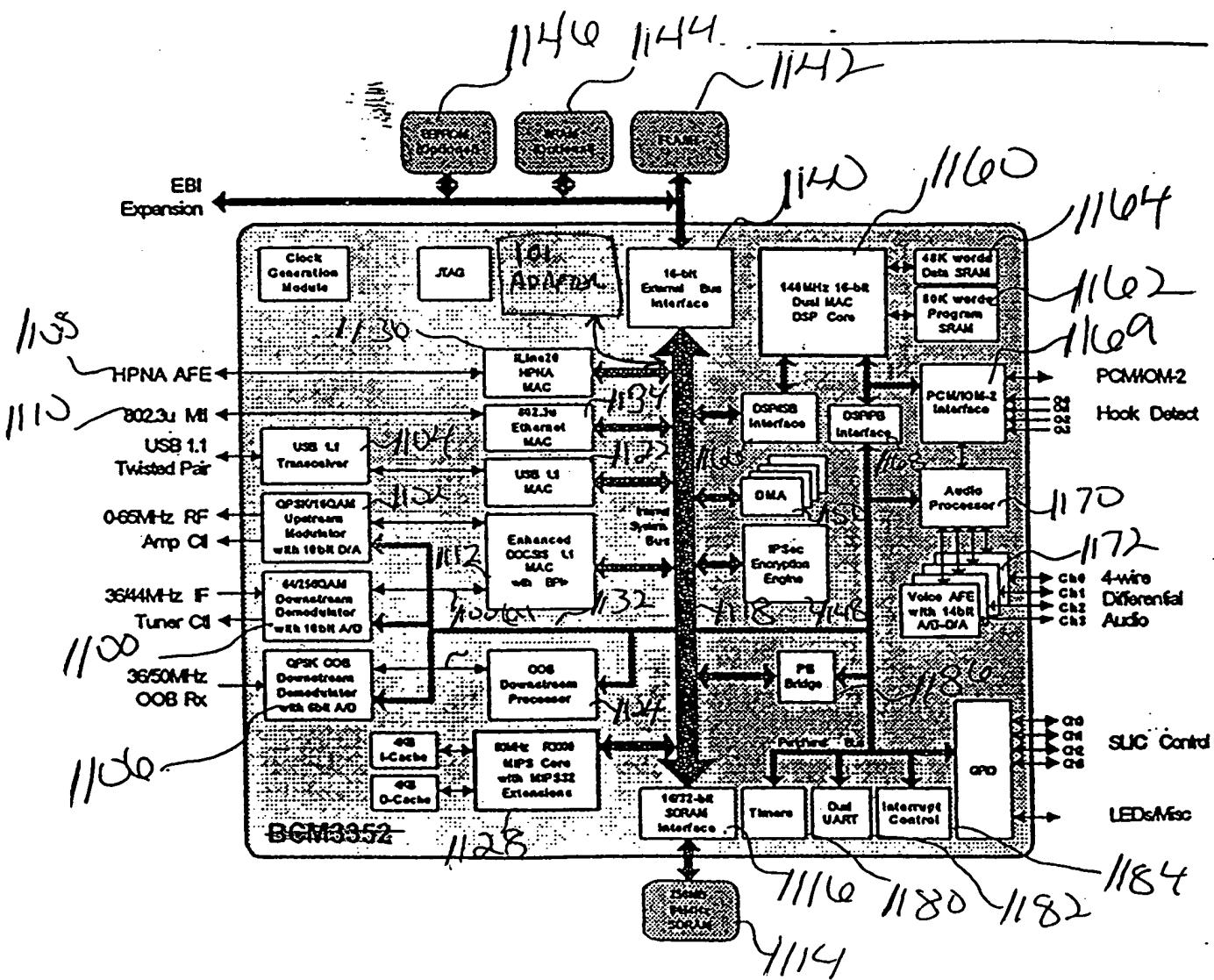


FIG. 2



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Annotated Sheet Showing Changes
Sheet 4 of 10

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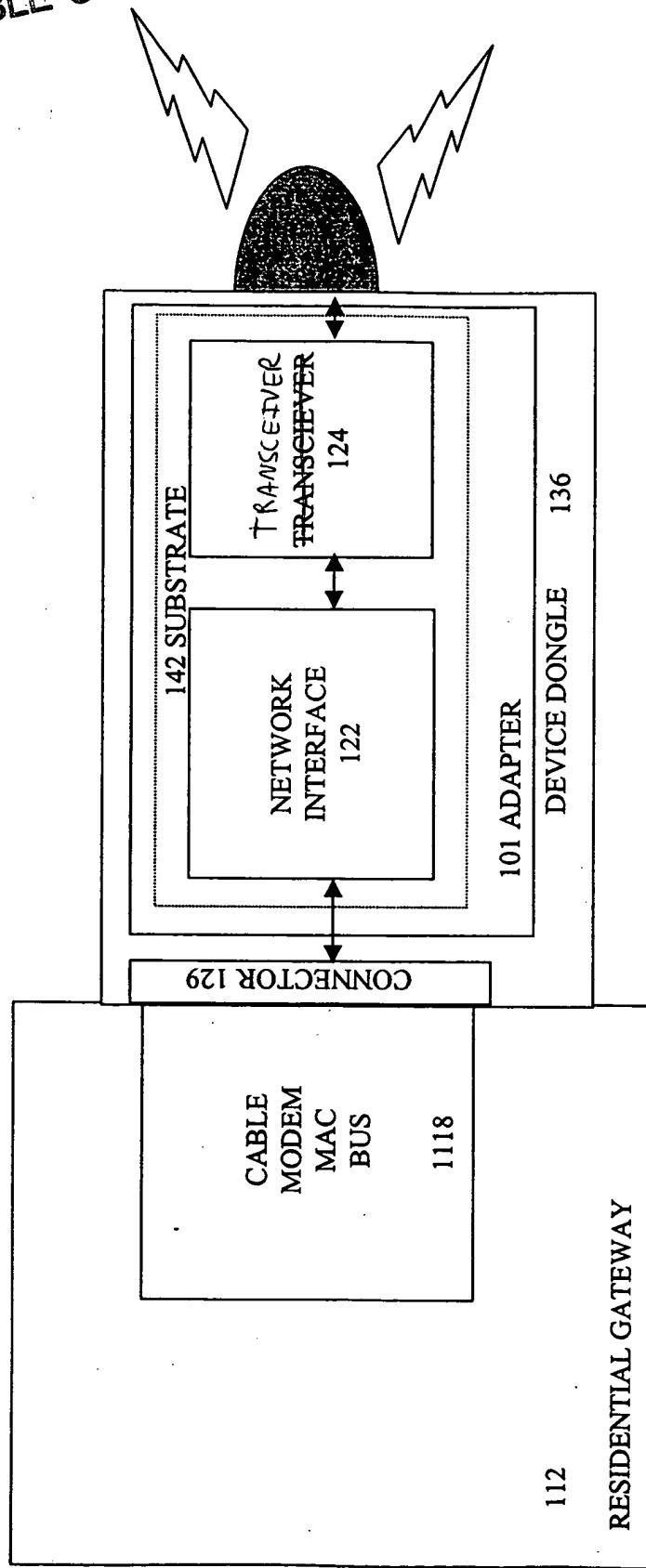


FIG. 4



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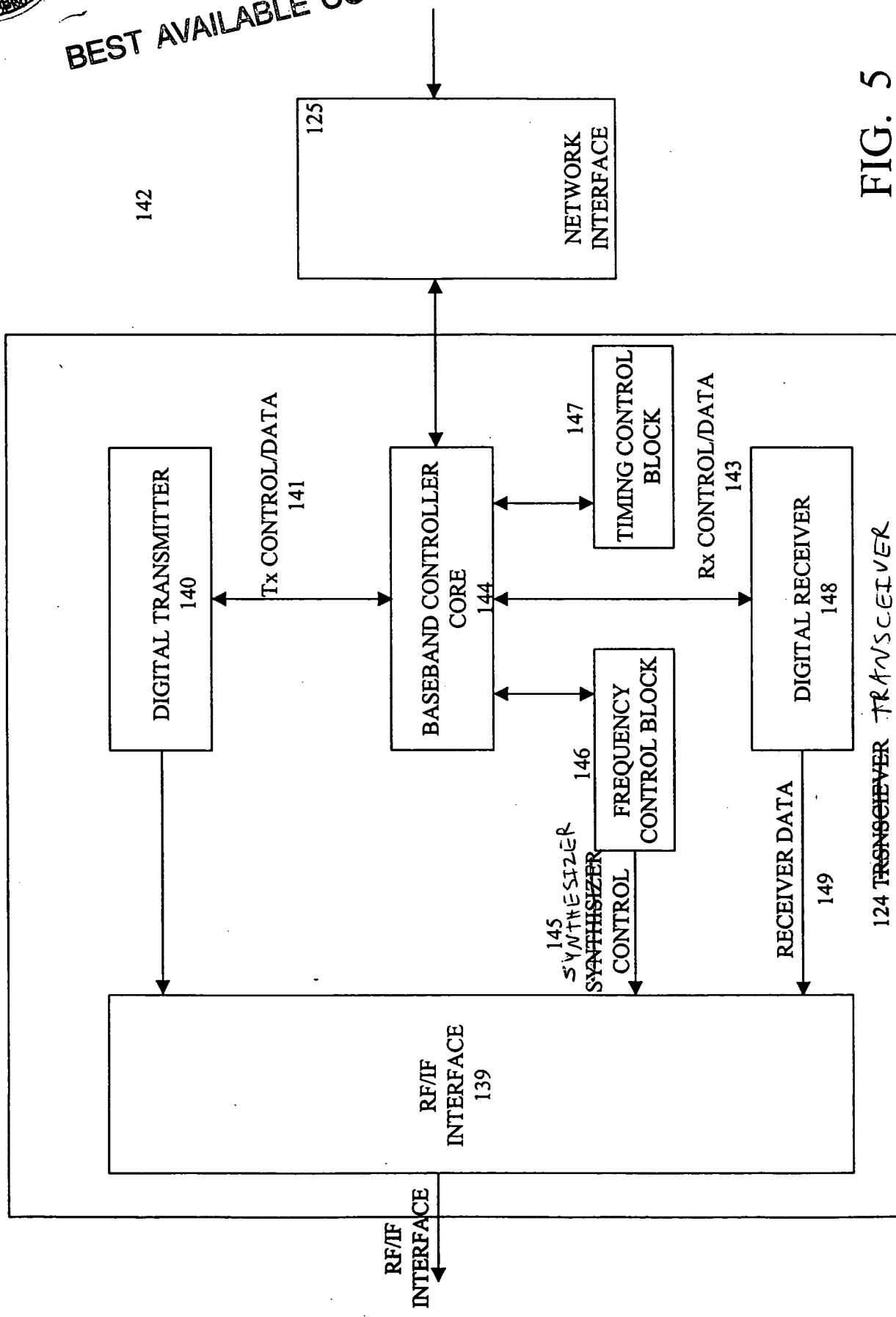


FIG. 5

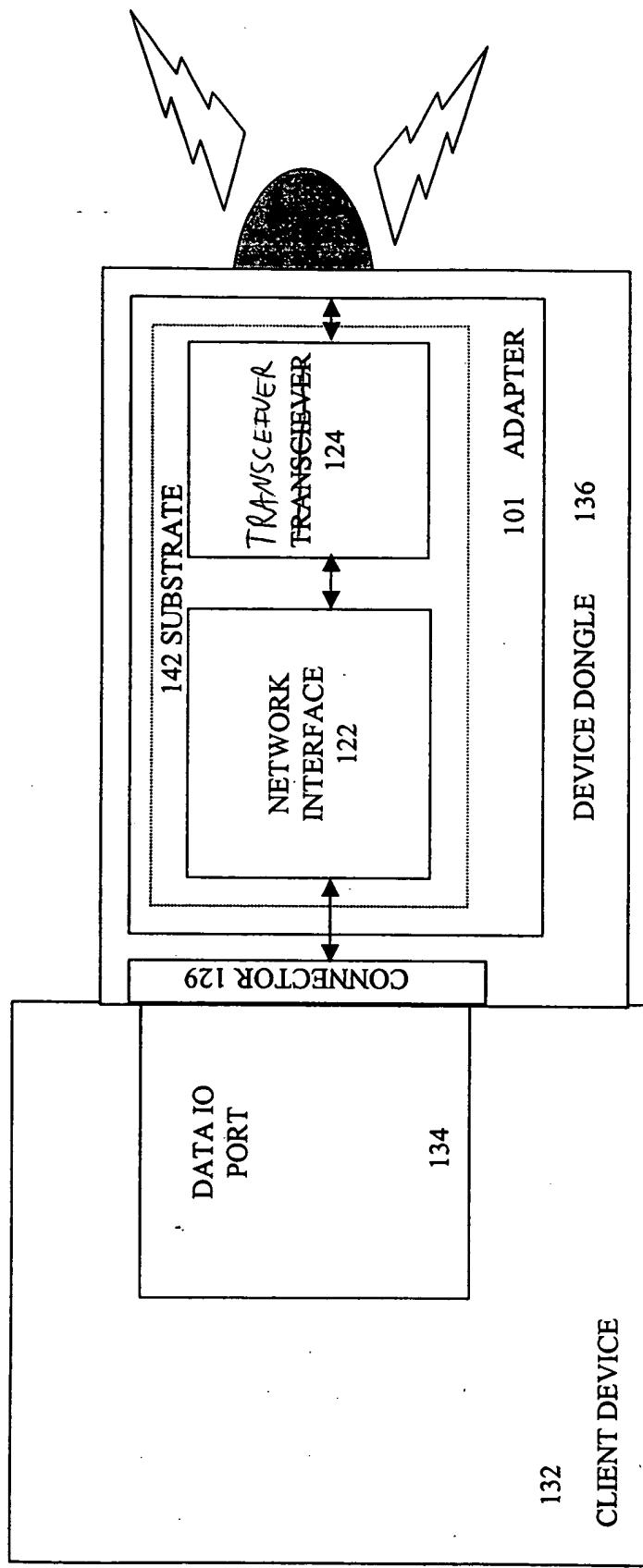


FIG. 9